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Eun-Sang Lee; Hyun-Seok Chae; Byoung-Soo Park; Myung-Ryul Choi;
TENCON 99. Proceedings of the IEEE Region 10 Conference
Volume 2, 15-17 Sept. 1999 Page(s):1391 - 1394 vol.2
Digital Object Identifier 10.1109/TENCON.1999.818690
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☐ 2. **ELA: a fully distributed VPN system over peer-to-peer network**
Aoyagi, S.; Takizawa, M.; Saito, M.; Aida, H.; Tokuda, H.;
Applications and the Internet, 2005. Proceedings. The 2005 Symposium on
31 Jan.-4 Feb. 2005 Page(s):89 - 92
Digital Object Identifier 10.1109/SAINT.2005.25
AbstractPlus | Full Text: PDF(256 KB)   IEEE CNF
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Zhang, L.; Lambertsen, G.; Yamada, T.;
Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE
Volume 3, 1-5 Dec. 2003 Page(s):1522 - 1526 vol.3
Digital Object Identifier 10.1109/GLOCOM.2003.1258492
AbstractPlus | Full Text: PDF(480 KB)   IEEE CNF
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☐ 4. **Automatic VPN Client Recovery from IPsec Pass-through Failures**
Brustoloni, J.C.;
Local Computer Networks, 2005. 30th Anniversary. The IEEE Conference on
15-17 Nov. 2005 Page(s):756 - 763
Digital Object Identifier 10.1109/LCN.2005.36
AbstractPlus | Full Text: PDF(208 KB)   IEEE CNF
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☐ 5. **A secure and easy remote access technology**
Enomoto, N.; Yoshimi, H.; Chinryu Sai; Hidaka, Y.; Takagi, K.; Iwata, A.;
Information and Telecommunication Technologies, 2005. APSITT 2005 Procee
Pacific Symposium on
09-10 Nov. 2005 Page(s):364 - 368

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6. **Minimal cost design of virtual private networks**
Huan Liang; Kabranov, O.; Makrakis, D.; Orozco-Barbosa, L.;
Electrical and Computer Engineering, 2002. IEEE CCECE 2002. Canadian Co
Volume 3, 12-15 May 2002 Page(s):1610 - 1615 vol.3
Digital Object Identifier 10.1109/CCECE.2002.1012997

AbstractPlus | Full Text: PDF(464 KB)   IEEE CNF
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7. **Scalable IP-VPN flow control mechanism supporting arbitrary fairness cri**
Architecture design
Honda, O.; Ohsaki, H.; Imase, M.; Murayama, J.; Matsuda, K.;
Computer Communications and Networks, 2005. ICCCN 2005. Proceedings. 1
Conference on
17-19 Oct. 2005 Page(s):173 - 178
Digital Object Identifier 10.1109/ICCCN.2005.1523837

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8. **Lightweight, dynamic and programmable virtual private networks**
Isaacs, R.;
Open Architectures and Network Programming, 2000. Proceeding. OPENARC
IEEE Third Conference on
26-27 March 2000 Page(s):3 - 12
Digital Object Identifier 10.1109/OPNARC.2000.828128

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Mun Choon Chan; Hadama, H.; Stadler, R.;
Network Operations and Management Symposium, 1996., IEEE
15-19 April 1996 Page(s):135 - 144 vol.1
Digital Object Identifier 10.1109/NOMS.1996.539453

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Tzu-Chi Huang; Ce-Kuen Shieh; Wen-Huang Lai; Yu-Ben Miao;
Network Computing and Applications, Fourth IEEE International Symposium o
27-29 July 2005 Page(s):227 - 231
Digital Object Identifier 10.1109/NCA.2005.50

AbstractPlus | Full Text: PDF(176 KB)   IEEE CNF
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11. **Virtual private networks**
Venkateswaran, R.;
Potentials, IEEE
Volume 20, Issue 1, Feb-Mar 2001 Page(s):11 - 15
Digital Object Identifier 10.1109/45.913204

AbstractPlus | Full Text: PDF(392 KB)   IEEE JNL
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12. **Optimal customer provisioning in network-based mobile VPNs**
Guo, K.; Mukherjee, S.; Paul, S.; Rangarajan, S.;
Mobile and Ubiquitous Systems: Networking and Services, 2004. MOBIQUITC
First Annual International Conference on
22-26 Aug. 2004 Page(s):95 - 104

Digital Object Identifier 10.1109/MOBIQ.2004.1331714

AbstractPlus | Full Text: PDF(383 KB)   IEEE CNF
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13. **Dynamic virtual network dimensioning in cost-sensitive environments**
Anerousis, N.;
Global Telecommunications Conference, 1999. GLOBECOM '99
Volume 2, 1999 Page(s):1511 - 1516 vol.2
Digital Object Identifier 10.1109/GLOCOM.1999.830032

AbstractPlus | Full Text: PDF(508 KB)   IEEE CNF
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14. **Experience with Prefix Discovery Servers and IPSec VPN Gateways**
Sax, W.; Jillson, C.; Wollman, W.; Jegers, H.;
Military Communications Conference, 2005. MILCOM 2005. IEEE
17-20 Oct. 2005 Page(s):1 - 6
Digital Object Identifier 10.1109/MILCOM.2005.1605768

AbstractPlus | Full Text: PDF(184 KB)   IEEE CNF
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15. **Implementation of NAT-PT/SIIT, ALGs and consideration to the mobility s
PT environment**
Joo-Chul Lee; Myung-Ki Shin; Hyong-Jun Kim;
Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th
Volume 5, 17-19 May 2004 Page(s):2714 - 2718 Vol.5
Digital Object Identifier 10.1109/VETECS.2004.1391414

AbstractPlus | Full Text: PDF(729 KB)   IEEE CNF
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16. **Mobile multimedia metropolitan area network**
Yamada, T.; Lambertsen, G.; Zhangliang;
Wireless Communications and Networking, 2003. WCNC 2003. 2003 IEEE
Volume 3, 16-20 March 2003 Page(s):2047 - 2052 vol.3
Digital Object Identifier 10.1109/WCNC.2003.1200701

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17. **IP based VPN application server using Java**
Liu, Y.;
Communications, 2000. ICC 2000. 2000 IEEE International Conference on
Volume 2, 18-22 June 2000 Page(s):872 - 876 vol.2
Digital Object Identifier 10.1109/ICC.2000.853623

AbstractPlus | Full Text: PDF(344 KB)   IEEE CNF
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18. **Port randomized VPN by mobile codes**
Shiraishi, Y.; Fukuta, Y.; Morii, M.;
Consumer Communications and Networking Conference, 2004. CCNC 2004. I
5-8 Jan. 2004 Page(s):671 - 673

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19. **Network security using NAT and NAPT**
Smith, M.; Hunt, R.;
Networks, 2002. ICON 2002. 10th IEEE International Conference on
27-30 Aug. 2002 Page(s):355 - 360
Digital Object Identifier 10.1109/ICON.2002.1033337

AbstractPlus | Full Text: PDF(500 KB)   IEEE CNF

☐ **20. Implementing fair bandwidth allocation schemes in hose-modelled VPN**
Wei, D.; Ansari, N.;
Communications, IEE Proceedings-
Volume 151, Issue 6, 24 Dec. 2004 Page(s):521 - 528
Digital Object Identifier 10.1049/ip-com:20040840

AbstractPlus | Full Text: PDF(445 KB)   IEE JNL

☐ **21. Design and Implementation of Two-Level VPN Service Provisioning Syst**
Networks
Li-Der Chou; Mao Yuan Hong;
Computer Networks, 2006 International Symposium on
16-18 June 2006 Page(s):1 - 7
Digital Object Identifier 10.1109/ISCN.2006.1662506

AbstractPlus | Full Text: PDF(6224 KB)   IEEE CNF
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☐ **22. On Dynamic Control Parameter Configuration Mechanism for Inter-and In**
Fairness Control Mechanism
Honda, O.; Ohsaki, H.; Imase, M.; Murayama, J.; Matsuda, K.;
Information and Telecommunication Technologies, 2005. APSITT 2005 Proce
Pacific Symposium on
09-10 Nov. 2005 Page(s):369 - 374

AbstractPlus | Full Text: PDF(400 KB)   IEEE CNF
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☐ **23. IPSec-based secure wireless virtual private network**
Wei Qu; Srinivas, S.;
MILCOM 2002. Proceedings
Volume 2, 7-10 Oct. 2002 Page(s):1107 - 1112 vol.2

AbstractPlus | Full Text: PDF(581 KB)   IEEE CNF
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☐ **24. Restoration algorithms for virtual private networks in the hose model**
Italiano, G.F.; Rastogi, R.; Yener, B.;
INFOCOM 2002. Twenty-First Annual Joint Conference of the IEEE Computer
Communications Societies. Proceedings. IEEE
Volume 1, 23-27 June 2002 Page(s):131 - 139 vol.1
Digital Object Identifier 10.1109/INFCOM.2002.1019254

AbstractPlus | Full Text: PDF(5385 KB)   IEEE CNF
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☐ **25. On demand network-wide VPN deployment in GPRS**
Xenakis, C.; Merakos, L.;
Network, IEEE
Volume 16, Issue 6, Nov.-Dec. 2002 Page(s):28 - 37
Digital Object Identifier 10.1109/MNET.2002.1081763

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1 VTun
Ryan Breen
August 2003 **Linux Journal**, Volume 2003 Issue 112
Publisher: Specialized Systems Consultants, Inc.
Full text available: ⊛ html(25.27 KB)   Additional Information: full citation, abstract

Need to make a secure connection from home? Set up a simple virtual private network?

2 Operating systems security: Attestation-based policy enforcement for remote access
Reiner Sailer, Trent Jaeger, Xiaolan Zhang, Leendert van Doorn
October 2004 **Proceedings of the 11th ACM conference on Computer and communications security**
Publisher: ACM Press
Full text available: 🗋 pdf(261.52 KB)   Additional Information: full citation, abstract, references, index terms

Intranet access has become an essential function for corporate users. At the same time, corporation's security administrators have little ability to control access to corporate data once it is released to remote clients. At present, no confidentiality or integrity guarantees about the remote access clients are made, so it is possible that an attacker may have compromised a client process and is now downloading or modifying corporate data. Even though we have corporate-wide access control over ...

Keywords: remote access, security management, trusted computing

3 Security: Enhancing the security of corporate Wi-Fi ntworks using DAIR
Paramvir Bahl, Ranveer Chandra, Jitendra Padhye, Lenin Ravindranath, Manpreet Singh, Alec Wolman, Brian Zill
June 2006 **Proceedings of the 4th international conference on Mobile systems, applications and services MobiSys 2006**
Publisher: ACM Press
Full text available: 🗋 pdf(302.26 KB)   Additional Information: full citation, abstract, references, index terms

We present a framework for monitoring enterprise wireless networks using desktop infrastructure. The framework is called DAIR, which is short for *Dense Array of Inexpensive Radios*. We demonstrate that the DAIR framework is useful for detecting rogue wireless devices (e.g., access points) attached to corporate networks, as well as for detecting Denial of Service attacks on Wi-Fi networks.Prior proposals in this area include monitoring the network via a combination of access points (APs), m ...

Keywords: 802.11, denial-of-service, rogue AP, security, wireless networks

4 Generating firewall rules with perl
Mike Diehl
March 2006 **Linux Journal**, Volume 2006 Issue 143
Publisher: Specialized Systems Consultants, Inc.
Full text available: [S] html(21.20 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

   A Perl alternative to those tired of tweaking firewall rules by hand.

5 A firewall configuration strategy for the protection of computer networked labs in a college setting
Dennis Guster, Charles Hall
October 2001 **Journal of Computing Sciences in Colleges**, Volume 17 Issue 1
Publisher: Consortium for Computing Sciences in Colleges
Full text available: [📄] pdf(32.54 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

6 Policy routing for fun and profit
David Mandelstam, Nenad Corbic
May 2004 **Linux Journal**, Volume 2004 Issue 121
Publisher: Specialized Systems Consultants, Inc.
Full text available: [S] html(21.73 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>

   A bargain Net connection gets expensive over its traffic limit. Routing mastery will keep bills in check and Net performance snappy.

7 Network security laboratories using SmoothWall
Jason Kretzer, Charles E. Frank
October 2005 **Journal of Computing Sciences in Colleges**, Volume 21 Issue 1
Publisher: Consortium for Computing Sciences in Colleges
Full text available: [📄] pdf(186.31 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

   Smooth Wall Express [12] is a free GPL firewall. It uses iptables [20] for firewall rules and Snort [14] as an intrusion detection system (IDS). This paper describes the installation of Smooth Wall. It presents sample SmoothWall laboratory exercises for teaching network security using iptables and Snort.

8 Smart wireless association: Improved access point selection
Anthony J. Nicholson, Yatin Chawathe, Mike Y. Chen, Brian D. Noble, David Wetherall
June 2006 **Proceedings of the 4th international conference on Mobile systems, applications and services MobiSys 2006**
Publisher: ACM Press
Full text available: [📄] pdf(451.33 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

   This paper presents Virgil, an automatic access point discovery and selection system. Unlike existing systems that select access points based entirely on received signal strength, Virgil scans for all available APs at a location, quickly associates to each, and runs a battery of tests to estimate the quality of each AP's connection to the Internet. Virgil also probes for blocked or redirected ports, to guide AP selection in favor of preserving application services that are currently in use. Resu ...

   Keywords: 802.11, access point selection, opportunistic connectivity, public networks,

wireless networking

9 <u>Paranoid penguin: Linux VPN technologies</u>
Mick Bauer
February 2005 **Linux Journal**, Volume 2005 Issue 130
Publisher: Specialized Systems Consultants, Inc.
Full text available: 🖫 <u>html(20.94 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>index terms</u>

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10 <u>Review: Snapgear lite: an inexpensive home office/small office firewall and VPN</u>
<u>client</u>
Alan Zeichick
April 2002 **Linux Journal**, Volume 2002 Issue 96
Publisher: Specialized Systems Consultants, Inc.
Full text available: 🖫 <u>html(11.74 KB)</u>   Additional Information: <u>full citation</u>, <u>index terms</u>

11 *<u>Firmato: A novel firewall management toolkit</u>*
Yair Bartal, Alain Mayer, Kobbi Nissim, Avishai Wool
November 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4
Publisher: ACM Press
Full text available: 🖫 <u>pdf(917.80 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In recent years packet-filtering firewalls have seen some impressive technological
advances (e.g., stateful inspection, transparency, performance, etc.) and wide-spread
deployment. In contrast, firewall and security <i>management</i> technology is lacking.
In this paper we present <i>Firmato</i>, a firewall management toolkit, with the
following distinguishing properties and components: (1) an entity-relationship model
containing, in a unified form, global knowledge of the sec ...

Keywords: Security policy, firewall, management, model definition language,
visualization

12 <u>Moreton Bay PoPToP/NetTEL</u>
Jon Valesh
May 2000 **Linux Journal**
Publisher: Specialized Systems Consultants, Inc.
Full text available: 🖫 <u>html(17.64 KB)</u> Additional Information: <u>full citation</u>, <u>index terms</u>

13 <u>Paranoid penguin: an introduction to FreeS/WAN, Part II</u>
Mick Bauer
February 2003 **Linux Journal**, Volume 2003 Issue 106
Publisher: Specialized Systems Consultants, Inc.
Full text available: 🖫 <u>html(17.08 KB)</u>   Additional Information: <u>full citation</u>, <u>index terms</u>

14
<u>Best papers from WMASH 2004: Secure universal mobility for wireless Internet</u>
Ashutosh Dutta, Tao Zhang, Sunil Madhani, Kenichi Taniuchi, Kensaku Fujimoto, Yasuhiro

Katsube, Yoshihiro Ohba, Henning Schulzrinne
July 2005 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 9
Issue 3
Publisher: ACM Press
Full text available: pdf(1.47 MB)   Additional Information: full citation, abstract, references, index terms

> The advent of the mobile wireless Internet has created the need for seamless and secure communication over heterogeneous access networks such as IEEE 802,11, WCDMA, cdma2000, and GPRS. An enterprise user desires to be reachable while outside one's enterprise networks and requires minimum interruption while ensuring that the signaling and data traffic is not compromised during one's movement within the enterprise and between enterprise and external networks. We describe the design, implementation ...

15 Secure virtual private networks: the future of data communications
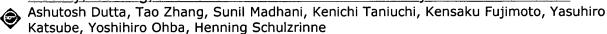
Eli Herscovitz
August 1999 **International Journal of Network Management**, Volume 9 Issue 4
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(230.05 KB)   Additional Information: full citation, abstract, index terms

> The Internet is an almost ideal means for information retrieval and exchange. It is cost-effective, easy to use and easily accessible. However, it can also be susceptible to devious practices such as data tempering, eavesdropping and theft. This paper analyses secure virtual private networks (VPNs) and their use in countering the problems of the Internet. Copyright © 1999 John Wiley & Sons, Ltd.

16 Mobility, roaming, and handoff: Secure universal mobility for wireless internet

Ashutosh Dutta, Tao Zhang, Sunil Madhani, Kenichi Taniuchi, Kensaku Fujimoto, Yasuhiro Katsube, Yoshihiro Ohba, Henning Schulzrinne
October 2004 **Proceedings of the 2nd ACM international workshop on Wireless mobile applications and services on WLAN hotspots**
Publisher: ACM Press
Full text available: pdf(1.10 MB)   Additional Information: full citation, abstract, references, index terms

> The advent of the mobile wireless Internet has created the need for seamless and secure communication over heterogeneous access networks such as IEEE 802.11, WCDMA, cdma2000, and GPRS. An enterprise user desires to be reachable while outside one's enterprise networks and requires minimum interruption while ensuring that the signaling and data traffic is not compromised during one's movement within the enterprise and between enterprise and external networks. We describe the design, implementat ...

Keywords: 802.11, handoff, hot spot, mobile IP, mobility, security

17 Network pointers

Christian Tschudin, Richard Gold
January 2003 **ACM SIGCOMM Computer Communication Review**, Volume 33 Issue 1
Publisher: ACM Press
Full text available: pdf(270.95 KB)   Additional Information: full citation, abstract, references, index terms

> The Internet architecture can be characterized as having a rather coarse grained and imperative style of network packet handling: confronted with an IP packet and its source and destination addresses, the infrastructure almost blindly and unalterably executes hundreds of resolution, routing and forwarding decisions. There are numerous attempts that try to "extend" the Internet in order to either reduce the immediate impact an arbitrary packet can have (e.g., NAT), or to insert diversions from th ...

18 Securing wireless applications: ESCORT: a decentralized and localized access

control system for mobile wireless access to secured domains
Jiejun Kong, Shirshanka Das, Edward Tsai, Mario Gerla
September 2003 **Proceedings of the 2003 ACM workshop on Wireless security**
Publisher: ACM Press
Full text available: pdf(401.72 KB)   Additional Information: full citation, abstract, references, index terms

In this work we design and implement ESCORT, a *backward compatible*, *efficient*, and *secure* access control system, to facilitate mobile wireless access to secured wireless LANs. In mobile environments, a mobile guest may frequently roam into foreign domains while demanding critical network services. ESCORT provides instant yet secure access to the mobile guest based on the concept of *"escort"*, which refers to a special network object with four distinct properties: (1) T ...

Keywords: decentralized access control, identity privacy, location privacy, mobile privacy, wireless security

19 E-commerce: Assessing the scalability of component-based frameworks: the CADENUS case study
S. D'Antonio, M. Esposito, S. P. Romano, G. Ventre
December 2004 **ACM SIGMETRICS Performance Evaluation Review**, Volume 32 Issue 3
Publisher: ACM Press
Full text available: pdf(1.05 MB)   Additional Information: full citation, abstract, references

This paper proposes an approach to scalability analysis of component-based systems. A theoretical model of the orchestrated behavior of a system's components is developed and potential bottlenecks are identified. The model is derived by performing an analysis of the average number of messages that each involved entity has to deal with, i.e. receive, elaborate and possibly forward. By appropriately setting the various model parameters, it is possible to evaluate a system's behavior in a number of ...

Keywords: mediation, network protocols, probability theory, queuing networks, scalability

20 Level set and PDE methods for computer graphics
David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(17.07 MB)   Additional Information: full citation, abstract

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set (iso-surface) of a sampled, evolving nD function. The course begins with preparatory material that introduces the concept of using partial differential equations to solve problems in computer graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations, e.g. the level set eq ...

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